



* NOTE: Immersion well on 10 gallon will be centered on the front of the tank.

MODEL	A	B	C	D	E	F	G	H	I	J	K
	Jacket Diameter	Tank Diameter	Height to Pan	Height to T&P Relief Valve	Height to Top Connection	Height to Top Element	Height to Immersion	Height to Bottom Element	Height to Drain	Angle of T&P Relief Valve	Angle of Drain
10	20	16	21.5	14.75	13.5	N/A	11.125	8.0625	7.5	50	50
20	20	16	32.75	26.75	25.25	N/A	17.125	9	7.5	50	50
ME20	22.75	16	33.75	26.75	25.25	N/A	17.125	9	7.5	50	50
30	20	16	40.625	34.25	32.75	25.75	20.875	9	7.5	50	50
ME30	22.75	16	41.625	34.25	32.75	28.75	20.875	9	7.5	50	50
40	20	16	56.25	50	48.5	36.5	28.75	9	7.5	50	50
ME40	22.75	16	57.25	50	48.5	36.5	28.75	9	7.5	50	50
50	22.75	19	49.75	42.875	41	32.125	25	9.375	7.875	50	50
ME50	25	19	50.75	42.875	41	32.125	25	9.375	7.875	50	50
80	26	22	57.25	49.875	48.375	40.625	28.75	9.375	7.875	45	45
ME80	28	22	58.25	49.875	48.375	40.625	28.75	9.375	7.875	45	45
100	26	22	67.5	60.375	58.875	47.875	34.125	9.375	7.875	45	45
ME100	28	22	68.5	60.375	58.875	47.875	34.125	9.375	7.875	45	45
120	28	24	67.75	60.375	58.875	47.875	34.125	9.375	7.875	45	45
ME120	30	24	68.75	60.375	58.875	47.875	34.125	9.375	7.875	45	45

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS CONFIDENTIAL AND PROPRIETARY. THE CONTENTS OF THIS DRAWING ARE THE SOLE PROPERTY OF VAUGHN THERMAL CORPORATION. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF VAUGHN THERMAL CORPORATION IS PROHIBITED.

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
LINEAR: 1 Decimal Place = ± 0.1
2 Decimal Place = ± 0.01
3 Decimal Place = ± 0.005
ANGULAR: 0 Decimal Place = ± 1.0°
1 Decimal Place = ± 0.5°
INTERPRET GEOMETRIC TOLERANCING PER:
MATERIAL:
FINISH:

NAME	DATE
RP	10/12/2016
CHECKED	RP
ENG APPR.	1/27/2021
MFG APPR.	
Q.A.	

COMMENTS:
PART NUMBER:

Vaughn Thermal Corporation
Vaughn
Water Heaters Controllers

Vaughn Thermal Corp.
TITLE:
Tank Assembly Boiler Buffer with Elements Configurations

SIZE	DWG. NO.	REV
C	V40A1520	F

SCALE: 1:10 SHEETS: 1